

Supplementary Table 1: BSA peptides identified by AIF. BSA digest was analyzed in triplicates with or without stepped collision energy. Files were analyzed against the complete human database where BSA is included as a contaminant, or against a small database, which includes only BSA and contaminants.

Sequence	Mass	Single collision energy		Stepped collision energy	
		Human db	BSA db	step-human	step-BSA
LVTDLTK	788.4644		+		+
DDSPDLPK	885.408				+
LCVLHEK	897.4742				+
AEFVEVTK	921.4808		+		+
YLYEIAR	926.4862		+		
DLGEEHFK	973.4505		+		+
QTALVELLK	1013.612	+		+	+
NECFLSHK	1033.465				+
QNCDQFEK	1067.434				+
SHCIAEVEK	1071.502	+	+	+	+
CCTESLVNR	1137.491	+	+	+	+
KQTALVELLK	1141.707	+	+	+	+
HPEYAVSVLLR	1282.703	+	+	+	+
ECCDKPLLEK	1290.595		+	+	+
HLVDEPQNLIK	1304.709	+	+	+	+
PDPNTLCDEFK	1334.581	+	+	+	+
TVMENFVAFVDK	1398.685	+	+	+	+
SLHTLFGDELCK	1418.686	+	+	+	+
RHPEYAVSVLLR	1438.805	+	+	+	+
YICDNQDTISSK	1442.635	+	+	+	+
TCVADESHAGCEK	1462.582			+	+
ETYGDMADCCEK	1477.516	+	+	+	+
LGEYGFQNALIVR	1478.788	+	+	+	+
EYEATLEECCAK	1501.607			+	+
VPQVSTPTLVEVSR	1510.836	+	+	+	+
DDPHACYSTVFDFK	1553.646	+	+	+	+
LKPDPNTLCDEFK	1575.76	+	+	+	+
KVPQVSTPTLVEVSR	1638.931	+	+	+	+
YNGVFQECCQAEDK	1746.698	+	+	+	+
ECCHGDLLECADDR	1748.655	+	+	+	+
RPCFSALTPDETYVPK	1879.914	+	+	+	+
HPFYAPELYYANK	1887.92			+	+
DAIPENLPPLTADFAEDK	1954.952	+	+	+	+
RHPFYAPELYYANK	2044.021		+		
ECCHGDLLECADDRADLAK	2246.936	+	+	+	+
total		22	27	26	33